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FIG. 1

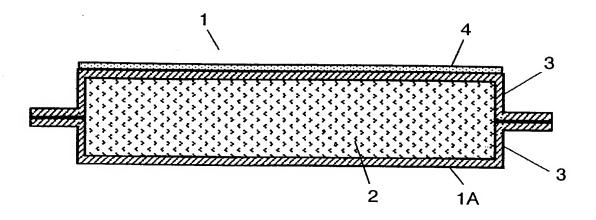
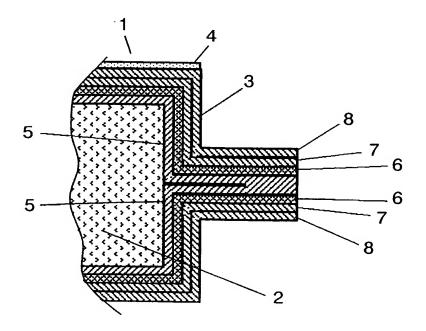


FIG. 2



^{2/9} FIG. 3

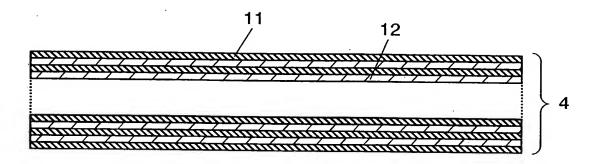
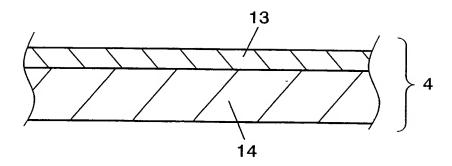


FIG. 4



^{3/9} FIG. 5

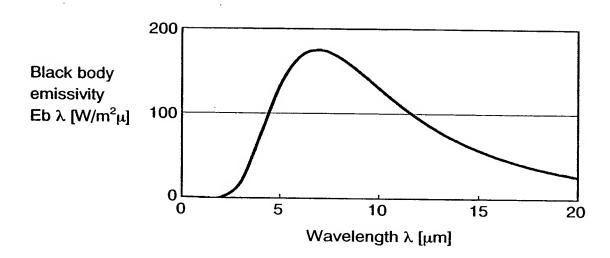
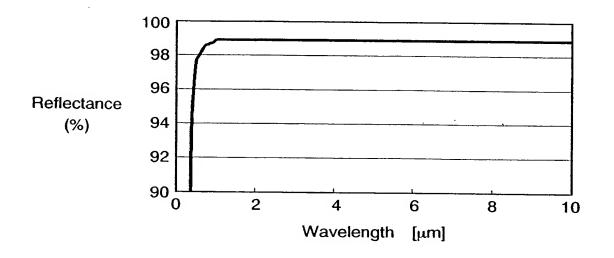


FIG. 6



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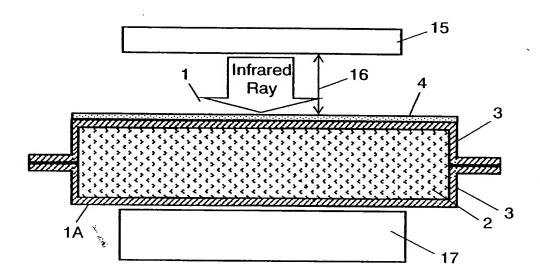
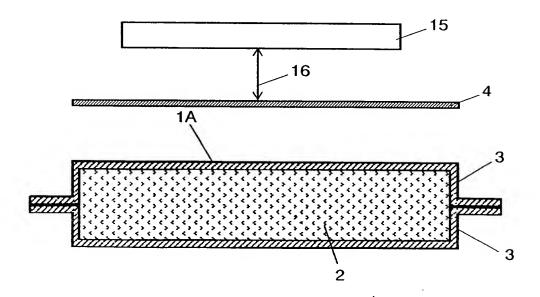
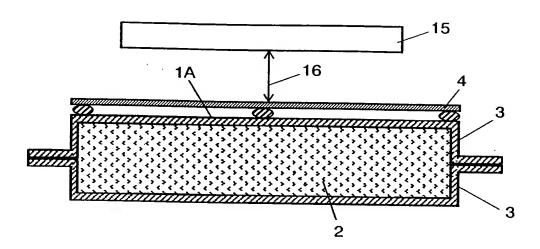
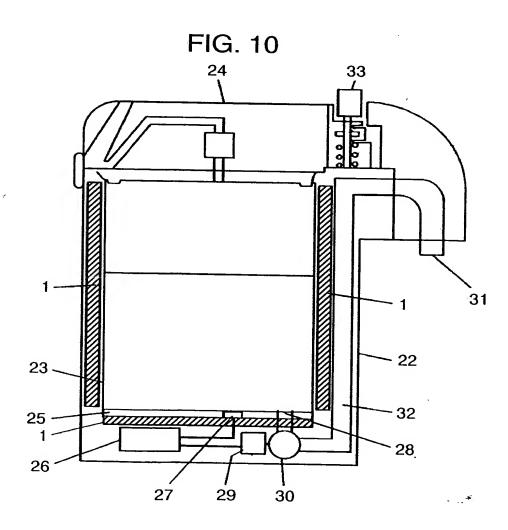


FIG. 8



^{5/9} FIG. 9





^{6/9} FIG. 11

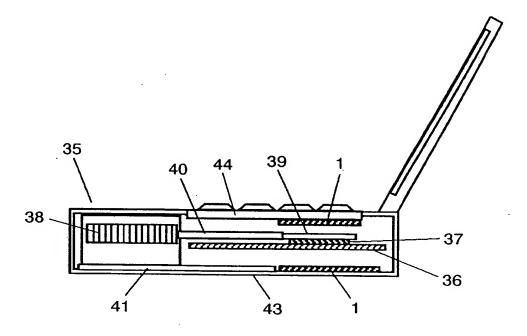
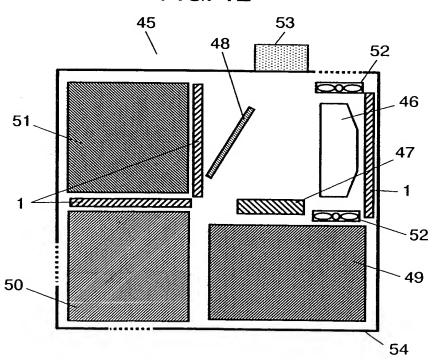
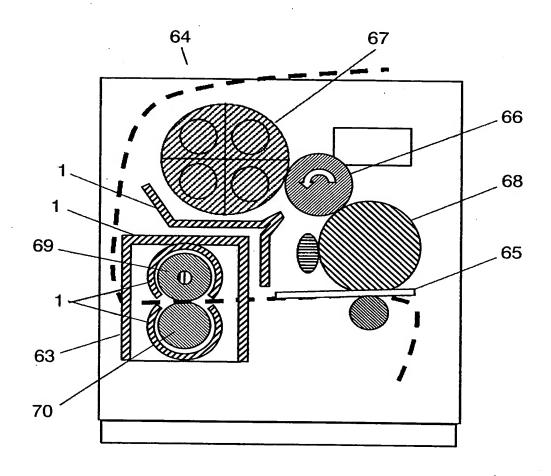


FIG. 12



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VACUUM HEAT INSULATOR AND
APPARATUS USING THE SAME
MAT-8799US Customer #52473

^{7/9} FIG. 13



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Reference Marks in the Drawings	
1	Vacuum heat insulator
1A	Vacuum heat insulator body
2	Core
3	Enveloping member
4	Radiation heat transfer suppressor
5	Heat seal layer
6	Gas-barrier layer
7	First protective film
8 -	Second protective film
11	First inorganic film
12	Second inorganic film
13	Metal film
14	Resin substrate
15	Heat generation source
16	Space
17	Object-to-be-protected
22	Electric kettle
23	Hot water storage
24	Lid
25	Heater
26	Controller
27	Temperature sensor
28	Water inlet
29	Motor
30	Pump
31	Water outlet
32	Water pipe
33	Push button
35	Notebook type computer
36	Printed circuit board
37	CPU
38	Cooling unit
39	Heat transfer block
40	Heat pipe
41	Radiation plate

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43	Bottom surface
44	Keyboard
45	Projector
46	Lamp
47	DMD element
48	Color filter
49	Ballast
50	Power source board
51	Control board
52	Cooling fan
53	Lens
54	Housing
63	Fixing unit
64	Printing unit
65	Recording paper
66	Photosensitive drum
67	Toner storage
68	Transfer drum
69	Heat fixing roller
70	Pressurizing roller